

SUBSTITUTE PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NOR/933A	SERIAL NO. 10/030,723
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))		APPLICANT James Scott Tyler	
		FILING DATE January 11, 2002	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
✓ A.A	3 2 9 4 6 7 0	12/27/66	Charschan et al.	204	298	10/7/63
✓ A.B	3 6 4 1 9 7 3	2/15/72	Shrader	118	49	11/25/70
✓ A.C	4 2 0 8 1 5 9	6/17/80	Uehara et al.	414	225	
✓ A.D	4 2 5 2 5 9 5	2.24.81	Yamamoto et al.	156	345	
✓ A.E	4 2 7 8 5 2 8	7.14.81	Kuehnle et al.	204	298	10/9/79
✓ A.F	4 3 1 8 7 6 7	3/9/82	Hijikata et al.	156	345	
✓ A.G	4 3 3 6 4 3 8	6/22/82	Uehara et al.	219	121PG	9/16/80
✓ A.H	4 4 0 5 4 3 5	9/20/83	Tateishi et al.	204	298	
✓ A.I	4 4 1 8 6 3 9	12/6/83	Wills et al.	118	50	5/19/81
✓ A.J	4 5 5 0 2 4 2	10/1985	Uehara et al.	156	345	
✓ A.K	4 5 5 0 2 3 9	10/29/85	Uehara et al.	219	121PG	9/27/82

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
✓ A.L	DE 3935002	4/1991	Germany			Abstract Only
✓ A.M	2828066	9/1998	Japan			Abstract Only
✓ A.N	59-164696	9/1984	Japan			Abstract Only
✓ A.O	04-123430	4/1992	Japan			Abstract Only
✓ A.P	03-023137	1/1991	Japan			Abstract Only
✓ A.Q	04-311044	11/1992	Japan			Abstract Only

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

✓ A.R	Panasonic Factory Automation Company, <u>Plasma Cleaning Systems</u> , Brochure, 11/2000
✓ A.S	Panasonic Factory Automation Company, Japanese Brochure, 11/2000
✓ A.T	March Instruments, Inc., <u>In-Line Plasma System</u> , Brochure, 8/1995

EXAMINER	DATE CONSIDERED
R	3-10-04

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO. NOR/933A	SERIAL NO. 10/030,723			
<i>O P E</i> <i>KC105</i> <i>APR 22 2002</i> <i>PATENT & TRADEMARK OFFICE</i> (37 CFR 1.98(b))		INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>Please several sheets if necessary</i>							APPLICANT James Scott Tyler				
									FILING DATE January 11, 2002	GROUP			
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER						ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>V</i>	B.A	4	5	7	5	2	9	9	3/1986	Layton	414	222	
<i>M</i>	B.B	4	5	8	4	0	4	5	4/1986	Richards	156	345	
<i>M</i>	B.C	4	6	3	7	8	5	3	1/20/87	Bumble et al.	156	345	
<i>M</i>	B.D	4	7	0	5	4	4	4	11/1987	Tullis et al.	118	729X	
<i>V</i>	B.E	4	7	7	0	1	2	1	9/13/88	Ebata et al.	118	686	2/3/87
<i>M</i>	B.F	4	8	1	6	6	3	8	3/28/89	Ukai et al.	219	121.43	10/20/87
<i>M</i>	B.G	4	8	1	6	1	1	6	3/1989	Davis	156	643	
<i>M</i>	B.H	4	8	4	0	7	0	2	6/20/89	Schumacher, III	156	643	12/29/87
<i>M</i>	B.I	4	8	8	9	6	0	9	12/26/89	Canella	204	298	
<i>M</i>	B.J	5	0	3	0	0	5	6	7/9/91	Kitayama et al.	414	749	7/23/90
<i>M</i>	B.K	5	0	4	4	8	7	1	9/1991	Davis et al.	414	786	
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS													
		DOCUMENT NUMBER			PUBLICATION DATE		COUNTRY OR PATENT OFFICE		CLASS	SUBCLASS	TRANSLATION (YES/NO)		
<i>M</i>	B.L	03-159143			7-1991		Japan				Abstract Only		
<i>M</i>	B.M	6-21032			1/1994		Japan				Abstract Only		
	B.N												
	B.O												
	B.P												
	B.Q												
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
<i>M</i>	B.R	March Instruments, Inc., <u>TAC Technology Advancement Center, Brochure, 2/1995</u>											
<i>M</i>	B.S	Materials Research Corporation, <u>1.12 Inline production magnetron sputtering, Journal Article, 3 pages</u>											
<i>M</i>	B.T	<u>Von Dr.-Ing M. Nowottnick, Fraunhofer-Einrichtung für Zuverlässigkeit und Mikrointegration (IZM), Berlin, Plasmabehandlung als umweltfreundliche Alternative in der Leiterplattenfertigung, Galvanotechnik D-88348 Saulgau 86 (1995) Nr. 4; Journal Article, 6 pages</u>											
EXAMINER <i>M</i>							DATE CONSIDERED <i>3-10-04</i>						
EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance <u>and</u> not considered. Include a copy of this form with next communication to applicant.													

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE						ATTY. DOCKET NO. NOR/933A	SERIAL NO. 10/030,723				
<p style="text-align: center;"><i>O I P E</i></p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;">(37 CFR 1.98(b))</p> <p style="text-align: center;">APR 22 2002 U.S. PATENT AND TRADEMARK OFFICE Use several sheets if necessary)</p>								APPLICANT James Scott Tyler					
		FILING DATE January 11, 2002			GROUP								
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER				ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
<i>V</i>	C.A	5	0	7	9	0	3	1	1/1992	Yamazaki et al.	118	729X	
<i>V</i>	C.B	5	0	8	6	7	2	9	2/11/92	Katagiri	118	729	6/13/89
<i>V</i>	C.C	5	1	1	6	6	4	0	5/1992	Mikami et al.	118	719X	
<i>V</i>	C.D	5	2	1	6	2	2	3	6/1/93	Straemke	219	121.43	2/25/91
<i>V</i>	C.E	5	2	5	9	9	4	2	11/1993	Kempt	204	298.25	
<i>V</i>	C.F	5	2	8	6	2	9	6	2/1994	Sato	118	719	
<i>V</i>	C.G	5	2	8	8	6	8	4	2/1994	Yamazaki et al.	118	723 EX	
<i>V</i>	C.H	5	2	9	2	3	9	3	3/1994	Maydan	156	345	
<i>V</i>	C.I	5	3	0	2	0	7	7	4/1994	Sato	414	609	
<i>V</i>	C.J	5	3	0	3	6	7	1	4/19/94	Kondo et al.	118	719	
<i>V</i>	C.K	5	3	1	0	4	1	0	5/1994	Begin	29	25.01	
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS													
		DOCUMENT NUMBER		PUBLICATION DATE	COUNTRY OR PATENT OFFICE		CLASS	SUBCLASS	TRANSLATION (YES/NO)				
	C.L												
	C.M												
	C.N												
	C.O												
	C.P												
	C.Q												
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
	C.R												
	C.S												
	C.T												
EXAMINER					DATE CONSIDERED								
<i>[Signature]</i>					<i>3-10-04</i>								
EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance <u>and</u> not considered. Include a copy of this form with next communication to applicant.													

SUBSTITUTE FORM PTO-1449 (MODIFIED) PE		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. NOR/933A	SERIAL NO. 10/030,723
				APPLICANT James Scott Tyler	
				FILING DATE January 11, 2002	GROUP
(37 CFR 1.98(b)) <i>APR 22 2002</i> <i>KC105</i> U.S. PATENT DOCUMENTS					

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
V	D.A	5	3	1	4	2	9	8	5/1994	Kim		414	797.9	
W	D.B	5	3	4	5	0	5	6	9/6/94	Frei et al.		219	121.59	12/12/91
V	D.C	5	3	8	7	2	6	5	2/1995	Kakizaki et al.		118	730X	
V	D.D	5	4	3	3	3	7	1	7/18/95	Morisako		228	180.5	10/13/93
V	D.E	5	4	8	0	0	5	2	1/2/96	Furr et al.		216	71	10/22/93
V	D.F	5	4	9	2	2	6	5	2/20/96	Wandke		228	205	12/20/94
V	D.G	5	5	1	5	9	8	6	5/1996	Turlot et al.		156	345X	
V	D.H	5	5	4	2	5	5	9	8/6/96	Kawakami et al.		216	67	2/14/94
V	D.I	5	5	7	3	5	9	7	11/12/96	Lantsman		118	723MP	
V	D.J	5	5	7	6	6	2	9	11/19/96	Turner et al.		324	709	10/24/94
V	D.K	5	5	8	7	2	0	5	12/24/96	Saito et al.		427	553	

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	D.L						
	D.M						
	D.N						
	D.O						
	D.P						
	D.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

D.R	
D.S	
D.T	

EXAMINER	<i>V</i>	DATE CONSIDERED	<i>3-10-04</i>
----------	----------	-----------------	----------------

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NOR/933A	SERIAL NO. 10/030,723
O P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) <i>(137 CFR 1.98(b))</i>		APPLICANT James Scott Tyler	
		FILING DATE January 11, 2002	GROUP

APR 11 2002
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER								ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>R</i>	E.A	5	6	0	9	2	9	0	3/11/97	Bobbio et al.	228	206	4/20/95
<i>R</i>	E.B	5	6	3	4	7	6	5	6/3/97	Miyoshi	414	786	6/7/95
<i>R</i>	E.C	5	6	4	7	9	4	2	7/1997	Haji	156	281	
<i>R</i>	E.D	5	7	0	7	4	8	5	1/13/98	Rolfson et al.	156	643.1	12/20/95
<i>R</i>	E.E	5	7	6	7	0	0	8	6/1998	Haji	438	612	
<i>R</i>	E.F	5	7	7	9	8	0	7	7/1998	Dornfest et al.	134	1.2	
<i>R</i>	E.G	5	8	2	3	4	1	6	10/20/98	Haji	228	4.5	7/9/96
<i>R</i>	E.H	5	9	5	8	5	1	0	9/1991	Sivaramakrishnam et al.	427	255.6	
<i>R</i>	E.I	5	9	7	2	1	6	3	10/26/99	Haji	156	345	2/6/98
<i>R</i>	E.J	6	0	9	3	9	0	4	7/25/00	Haji	219	121.45	7/15/98
<i>R</i>	E.K	6	3	3	1	3	4	7	12/18/01	Haji	428	209	4/1/98

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
E.L						
E.M						
E.N						
E.O						
E.P						
E.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

E.R	
E.S	
E.T	

EXAMINER	DATE CONSIDERED
	<i>3-10-04</i>

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.